APPENDIX A: SITE DESCRIPTIONS AND MONTHLY SAMPLING SITE PHOTO MONITORING

Cosumnes River Watershed Sites

Mokelumne River Watershed Sites

Calaveras River Watershed Sites

Cosumnes River Watershed Sites

MONITORING SITE INFORMATION

SITE LOCATION Site ID# ELD001

Site Name: Jenkinson Lake @ Pinecone Campsites 1-30

Site Description, Location and Access:
From Hwy 50 (East), turn off at Sly Park Rd. Sly Park Rd. goes past the entrance to Jenkinson Lake. Go into the entrance and follow the road to the left to the first camp ground (Pinecone Campground 1-30). Parking is available next to campground 17 in the day use parking. The testing site is at the buoy line.

Latitude/Longitude: Lat – N 38º 43' 39.4" Long – W 120º 33' 35.6"
County: El Dorado

WATER SOURCE
Jenkinson Lake is located in the upper Cosumnes River Watershed, and has a surface area of 41,000 acre-feet. (El Dorado Irrigation District). It is used for recreation and by the El Dorado Irrigation District for water storage. Camp Creek drains into Jenkinson Lake via a manmade diversion tunnel near the sampling site at *Mormon Emigrant Trail* (ELD 002). Hazel Creek and Sly Park Creek drain into the lake at the northeastern end, with Hazel Creek draining down from the Hazel Creek Mine. The lake then drains into the outflow of Sly Park Creek, which then drains to Camp Creek, and eventually the North Fork of the Cosumnes River. There had been a timber-harvesting site on the southern side of the lake. As a managed reservoir, water levels may fluctuate drastically throughout the year.
The lake itself provides overnight campground and day use areas, swimming, boating and wading. Samples were collected below the campground, along the shore of the lake. This site was chosen to represent overnight use recreation at a lake.

Jenkinson Lake at Pinecone campsites 1-38 – ELD 001
Cosumnes River Watershed – 2002

12/11/02

03/26/02

05/24/02

06/11/02

06/25/02

08/13/02

09/03/02

09/22/02

10/09/02

10/30/02

12/23/02

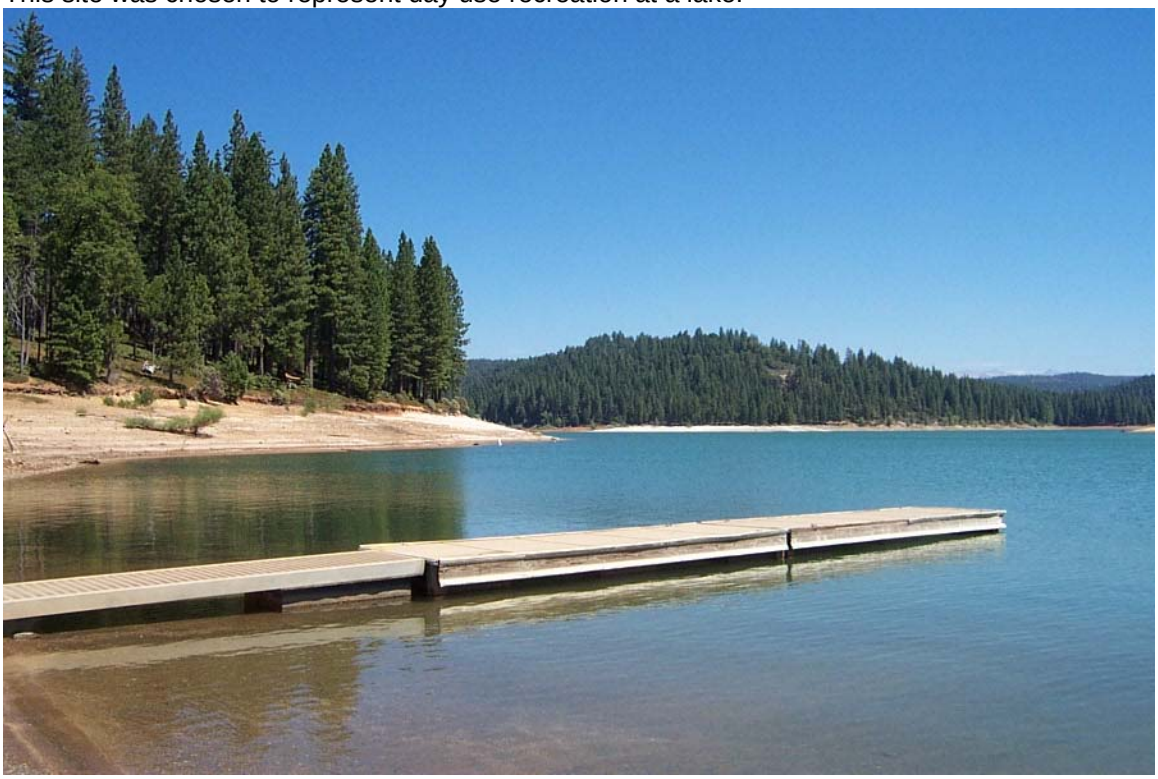
MONITORING SITE INFORMATION

SITE LOCATION Site ID# ELD002

Site Name: Jenkinson Lake @ Mormon Emigration Trail
Site Description, Location and Access:
From the entrance to Sly Park/Jenkinson Lake, follow the road to the right (towards the docks). The testing site is at the right hand launch ramp.

Latitude/Longitude: Lat – N 38º 43' 15.0" Long – W 120º 34' 11.3"
County: El Dorado

WATER SOURCE
Jenkinson Lake is located along the upper Cosumnes River Watershed, and has a surface area of 41,000 acre-feet. (El Dorado Irrigation District). It is used for recreation and by the El Dorado Irrigation District for water storage. Camp Creek drains into Jenkinson Lake via a manmade diversion tunnel near the sampling site at *Mormon Emigrant Trail* (ELD 002). Hazel Creek and Sly Park Creek drain into the lake at the northeastern end, with Hazel Creek draining down from the Hazel Creek Mine. The lake then drains into the outflow of Sly Park Creek, which then drains to Camp Creek, and eventually the North Fork of the Cosumnes River. There had been a timber-harvesting site on the southern side of the lake. As a managed reservoir, water levels may fluctuate drastically throughout the year.
This site was chosen to represent day use recreation at a lake.



Jenkinson Lake Dam at Mormon Emigrant Trail – ELD002
Cosumnes River Watershed – 2002


03/26/02


06/11/02


06/25/02


08/13/02


08/13/02


09/03/02


09/17/02


10/30/02


12/23/02

MONITORING SITE INFORMATION

SITE LOCATION Site ID# ELD003

Site Name: Cosumnes River @ Gold Beach Park

Site Description, Location and Access:
The site is located on the North Fork of the Cosumnes River, approximately one mile south of Sand Ridge Road on Highway 49, and is on the south side of Hwy 49 between Enterprise and Nashville. Access to the site is behind the office building, straight down the steps from the drinking fountain and picnic tables.

Latitude/Longitude: Lat – N 38º 33' 33.5" Long – W 120º 50' 47.1"
County: El Dorado

WATER SOURCE
Samples were collected from the upstream-end of the small beach area. The vegetation along the stream banks is representative of an oak-woodland habitat, except for the beach access area and a grass area. This site was chosen to represent the North Fork of the Cosumnes River.

Cosumnes River at Gold Beach Park – ELD003

03/26/02
downstream view

06/11/02
downstream view

06/25/02
upstream view

08/13/02
upstream view

09/03/02
downstream view

09/17/02
downstream view

10/09/02
downstream view

11/05/02
downstream view

11/22/02
downstream view

12/23/02
upstream view

MONITORING SITE INFORMATION

SITE LOCATION Site ID# ELD004

Site Name: Cosumnes River @ Hwy 49

Site Description, Location and Access:
The site is located approximately one mile downstream of the South and Middle Fork confluence, and a few yards downstream of the North Fork confluence, at is the bridge between Enterprise and Nashville. Parking is on the southeast corner of the bridge. Access to the site is on the northwest corner of the bridge at the sandy beach area.

NOTE: Poison oak in the area!!

Latitude/Longitude: Lat – N 38º 33'02.7" Long – W 120º 50' 59.2"
County: El Dorado

WATER SOURCE

Because it is the first access site to the main stem of the Cosumnes River, data collected here is representative of all three Forks, which can be compared to sites downstream. Samples were collected at the rocky beach just downstream of the bridge.

Cosumnes River at Highway 49 - ELD 004
-all photos were taken facing upstream-


03/26/02


06/11/02


06/25/02


08/13/02


09/03/02


10/09/02


10/30/02


11/22/02


12/23/02

MONITORNING SITE INFORMATION

SITE LOCATION Site ID# SAC003

Site Name: Cosumnes River @ Michigan Bar Rd.

Site Description, Location and Access:
Michigan Bar Rd. is located between Rancho Murieta and where Hwy 49 turns into Hwy 16 on the north side of Hwy 16. It is approximately 17-miles downstream of ELD004. The site is at the first bridge on the southeast corner by the pipes. The site is located along side a cattle-grazing pasture.

Latitude/Longitude: Lat – N 38º 30' 02.3" Long – W 121º 02' 42.1"
County: Sacramento

WATER SOURCE
This site is essentially the same elevation as other sites located downstream of major impoundments (i.e., SJC512 and CAL008), and serves as a point of comparison since the Cosumnes River does not have a major flow regulating structure on it.

The river is wide and shallow at this point, and there is little to no overhanging riparian vegetation. During the summer months, the Cosumnes dries and this site is the last monitoring site where there is water.

Cosumnes River at Michigan Bar Road – SAC003

03/26/02

06/11/02

06/25/02

08/13/02

08/27/02

09/03/02

09/17/02

10/09/02

10/22/02

11/19/02

12/23/02

MONITORING SITE INFORMATION

Site ID# SAC001

SITE LOCATION

Site Name: Cosumnes River at Twin Cities Road

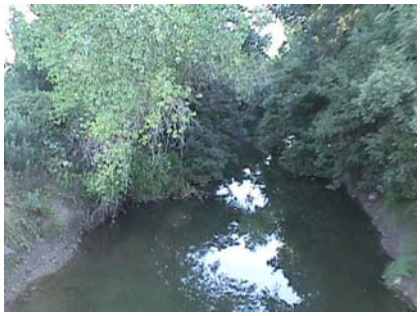
Site Description, Location and Access:
This site is the last monitoring point before the Cosumnes River empties into the Mokelumne River. It is located on Twin Cities Road, south of Elk Grove, between Interstate 5 and Highway 99, approximately 31-miles downstream of SAC003.
Exiting West onto Twin Cities Road (E13) from Highway 99, the site location is at the Eastern most crossing of the River. Access is via the Northeastern side of the first bridge.

Latitude/Longitude: Lat. N 38° 17' 27.1" Long. W 121° 22' 33.2"
County: Sacramento

WATER SOURCE
The Cosumnes River is a natural stream, which ceases to flow during summer months from July until the first major storm in the fall unless water is diverted to it. Water is diverted, when available, from the Folsom-South Canal by Omochumne-Hartnell Water District. The channel, for about 10.5 miles, is dominated by agricultural supply water when water is diverted from the Folsom-South Canal from April through September. The actually sampling location is surrounded by natural riparian vegetation, and the streambed and banks consist of sand.

Cosumnes River at Twin Cities Road – SAC001

03/26/02



06/11/02

06/25/02

08/13/02

09/03/02

09/17/02

10/09/02

10/22/02

11/05/02

12/12/02

12/26/02